

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	155	((cellular cell) with array) and toxin and ganglioside	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 14:25
S2	105	((cellular cell) with array) and toxin and ganglioside not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/22 19:31
S3	134	((cellular cell membrane) with array) and toxin and ganglioside not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/23 18:50
S6	10	"6193951"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/23 15:33
S7	14	((cellular cell membrane) near array) and toxin and ganglioside not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/23 18:42
S8	2	"6790632"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/23 18:42
S9	231	((cellular cell membrane) with array) and ganglioside not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/23 18:50
S10	0	((cellular cell membrane) with array) and ganglioside and microspot not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/23 18:50
S11	88	((cellular cell membrane) with array) and ganglioside and spot not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/23 18:50
S12	69	((cellular cell membrane) with array) and ganglioside and spot and label not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/24 17:44
S13	0	((cellular cell membrane) with array) and ganglioside and spot and ((label labelled) near toxin) not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/24 17:03
S14	4	((cellular cell membrane) with array) and ganglioside and spot and ((label labelled) near target) not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/24 17:04
S15	65	((cellular cell membrane) with array) and ganglioside and spot and label and (toxin toxicity) not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/28 12:18

S16	0	((cellular cell membrane) with array) and ganglioside and spot and label and (toxin toxicity) and aminopropylsilane not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/28 12:31
S18	0	((cellular cell membrane) with array) and ganglioside and spot and aminopropylsilane not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/28 12:31
S19	38	((cellular cell membrane) with array) and ganglioside and spot and (polylysine polyethyleneimine chitosan) not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/28 16:40
S20	13	"6150103"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/28 16:40
S21	343	aminopropylsilane	US-PGPUB; USPAT; EPO	OR	ON	2005/03/31 17:19
S22	289	aminopropylsilane not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/31 17:19
S23	222	aminopropylsilane not @ay> "2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/31 17:20
S25	147	aminopropylsilane and array not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/31 17:20
S26	37	(gamma near aminopropylsilane) and array not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/31 17:26
S27	40	(gamma near aminopropylsilane) and support not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/31 17:24
S28	63	(gamma near aminopropylsilane) not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/31 17:26
S29	4	(membrane with array) and toxin and ganglioside and aminopropylsilane	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 14:27
S30	67	(membrane with array) and toxin and ganglioside and amine	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 14:27
S31	43	(membrane with array) and toxin and ganglioside and amine not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 15:36
S32	4	(membrane with array) and toxin and ganglioside and (amine with (coating linker)) not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 14:31
S33	58	((lipid membrane) with array) and toxin and ganglioside and amine not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 14:31

S34	17	"5518930"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 15:36
S35	1	"6699719"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 16:32
S36	14	"6150103"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 16:57
S38	21	"4933285"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 18:16
S39	830	amino with propyl with silane not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 18:27
S40	157	(aminopropylsilane) and binding not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 18:18
S41	39	(gamma with aminopropylsilane) and binding not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 18:26
S42	34	(gamma with aminopropylsilane) and immobilize not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 18:54
S43	469	(gamma with amino with propyl with silane) not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 18:27
S44	65	(gamma with amino with propyl with silane) and array not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 18:27
S45	6	(gamma with aminopropylsilane) same coating not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 18:56
S46	46	(gamma with aminopropylsilane) same (coating treated treatment layer) not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:16
S47	87	"5485277"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:18
S48	4239	(microporous nanoporous) with (substrate support) not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:18
S49	739	binding and ((microporous nanoporous) with (substrate support)) not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:18
S50	613	binding and membrane and ((microporous nanoporous) with (substrate support)) not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:21
S51	184	binding and membrane and ((microporous nanoporous) with (substrate support)) and array not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:27
S52	12	"6399232"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:25
S53	4	"6399202"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:25

S54	618	polymer and ((microporous nanoporous) with (substrate support)) and array not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:27
S55	106	polymer and ((microporous nanoporous) with (substrate support)) and array and immobilization not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:29
S56	16	polymer and ((microporous nanoporous) with (substrate support)) and array and immobilization and lipid not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:29
S57	10	(polymer same ((microporous nanoporous) with (substrate support))) and array and immobilization and lipid not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:29
S58	73	polymer same ((microporous nanoporous) with (substrate support)) and array and immobilization not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:36
S59	21	"5004543"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:56
S60	14	"6150103"	US-PGPUB; USPAT; EPO	OR	ON	2006/01/09 17:17
S61	1	"6699719"	US-PGPUB; USPAT; EPO	OR	ON	2006/01/09 17:17
S62	1803	amine with coating and membrane	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 22:39
S63	1514	amine with coating and membrane not @ay> "2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 22:39
S64	339	amine with coating and membrane with immobilized not @ay> "2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 22:39
S65	1	"6699719"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:37
S66	361	aminopropylsilane not @ay> "2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:39
S67	161	aminopropylsilane and membrane not @ay> "2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:40
S68	68	aminopropylsilane and lipid and membrane not @ay> "2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:41
S69	53	gamma and aminopropylsilane and lipid and membrane not @ay> "2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:41

S70	21	gamma with aminopropylsilane and lipid and membrane not @ay> "2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:43
S71	6	gamma with aminopropylsilane and polyethyleneimine not @ay> "2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:48
S72	21	gamma with aminopropylsilane and lipid not @ay> "2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:48
S73	36	gamma with aminopropyl with silane and lipid not @ay> "2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:53
S74	42	gamma with aminopropyl with silane and polyethyleneimine not @ay> "2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:53
S75	24	"4933285"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:53
S76	87	"4931498"	US-PGPUB; USPAT; EPO	OR	ON	2007/04/05 16:49
S77	8	"20040002064"	US-PGPUB; USPAT; EPO	OR	ON	2007/04/05 18:47
S78	2	10/602242	US-PGPUB; USPAT; EPO	OR	ON	2007/11/20 23:00
S79	27	"6228326"	US-PGPUB; USPAT; EPO	OR	ON	2007/11/20 23:00
S80	88	"4931498"	US-PGPUB; USPAT; EPO	OR	ON	2007/11/20 23:02
S81	0	immobilized with lipid with bilayer same amine not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2007/11/21 22:57
S82	7	immobilized with lipid same amine not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2007/11/21 22:58
S83	146	lipid with bilayer same amine not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2007/11/21 22:58
S84	25	array and lipid with bilayer same amine not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2007/11/21 22:58
S85	67	((cellular cell) with array) and toxin and ganglioside and dried not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2008/06/19 16:11
S86	18	((cellular cell) with array) and toxin and ganglioside and dried same array not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2008/06/19 17:23
S87	1	"20030124572"	US-PGPUB; USPAT; EPO	OR	ON	2008/06/19 17:37
S88	0	immobilized with lipid same amine same spotted not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2008/06/19 22:15

S89	12	(membrane with array) and toxin and ganglioside and spotted not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2008/06/19 22:15
S90	195	(membrane with array) and toxin and array same spotted not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2008/06/19 23:22
S91	7	lipid with bilayer and array same microspot not @ay> "2002"	US-PGPUB; USPAT; EPO	OR	ON	2008/06/19 23:27
S92	14	2002/0094544	US-PGPUB; USPAT; EPO	OR	ON	2008/06/22 03:54
S93	1	"20020094544"	US-PGPUB; USPAT; EPO	OR	ON	2008/06/22 03:54
S94	123	wohlstadter.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/10 15:48
S95	30	wohlstadter.in. and hydrophilic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/10 15:48
S96	2	10/602242	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/07/15 12:39
S97	0	humidity same chamber same lateral same fluidity same lipid not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/07/15 15:53
S98	0	humidity same chamber same fluidity same lipid not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/07/15 16:09
S99	313	g with protein with coupled same toxin not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/07/15 19:31
S100	7	g with protein with coupled with bind with toxin not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/07/15 21:05
S101	40	"5922594"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/07/15 21:46
S102	0	lipid with array same humid same incubate not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/07/15 22:18
S103	0	lipid same humid same incubate not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/07/15 22:18
S104	332	lipid same humidity not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/07/15 22:18
S105	31	lipid with membrane same humidity not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/07/15 22:19
S106	1	11/412927	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/07/16 00:45

S107	1	lipid with membrane same humidity same fluidity not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/07/16 14:16
S108	15	09/854786	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/07/16 15:56
S109	6	10/300954	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/07/16 15:57
S110	3	"20010026778"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/07/19 20:29
S111	2	"20010045357"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/07/19 20:30
S112	4	"20020012616"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/07/19 20:31
S113	2	"10288320"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/07/19 20:34
S114	2	"10/288320"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/07/19 20:34
S115	0	"10814995"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/06 18:48
S116	1	"10/814995"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/06 18:48
S117	30	"6242264"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/06 19:09
S118	16	g with protein with coupled same cholera not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/07 17:26
S119	69	g with protein with coupled and drug same cholera not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/08 01:46
S120	10	09/974415	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/08 01:53
S121	4	g with protein with coupled and drug same bacterial same cholera not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/08 02:24
S122	121	g with protein with coupled and bacterial same cholera not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/08 02:45
S123	15	g with protein with coupled with receptor same cholera not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/08 03:23

S124	10	probe same cholera and g with protein with receptor not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/08 03:32
S125	58	toxin same array same (profile pattern) not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/08 03:49
S126	7	toxin same array same (profile pattern) same reference not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/08 03:50
S127	58	toxin same array same (profile pattern) not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/08 03:50
S128	7	toxin same array same (profile pattern) same binding not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/08 03:50
S129	0	toxin same array and pattern with binding same compare not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/08 03:51
S130	11	array and toxin and pattern with binding same compare not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/08 03:51
S131	10528108	array and toxin and pattern with bindingnot @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/08 03:52
S132	57	array and toxin and pattern with binding same comparison not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/08 03:52
S133	10	array and identify with toxin and pattern with binding same comparison not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/08 03:52
S134	46	gpcr same toxin same binding not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/08 03:55
S135	97	gpcr same toxin not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/08 03:59
S136	227	array same binding with profile not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/08 12:39
S137	2	array same binding with profile same comparison not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/08 14:49
S138	453	array and binding with profile and toxin not @ay> "2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/08 15:15

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